METHOD, SYSTEM AND PROGRAM PRODUCTS FOR REDUCING DATA MOVEMENT WITHIN A COMPUTING ENVIRONMENT

Abstract of the Disclosure

Data movement within a computing environment is at the
5 very least reduced. Data is transmitted between a file
system of the computing environment and a transmission
medium of that environment. The transmission includes
bypassing non-file system buffers in performing the
transmission. For example, when data is sent to the file
10 system to be written to one or more storage media, the file
system swaps one or more buffers of the file system with the
one or more buffers containing the data. The swapping does
not require the copying of data. Further, for a read
operation, the file system calls a routine, which is
15 provided with one or more pointers to the data that is to be
sent to a requester of the data.